

L Number	Hits	Search Text	DB	Time stamp
1	1	("4248344").PN.	USPAT	2002/12/03 21:25
2	1	4248344.URPN.	USPAT	2002/12/03 21:22
3	37	4838422.URPN.	USPAT	2002/12/03 21:23
4	3939	(stack\$ or nest\$) near3 (cassette or cartridge)	USPAT	2002/12/03 21:27
5	161	((stack\$ or nest\$) near3 (cassette or cartridge)) and 400/\$.ccls.	USPAT	2002/12/03 21:26
6	1514	(stack\$ or nest\$) near1 (cassette or cartridge)	USPAT	2002/12/03 21:40
7	54	((stack\$ or nest\$) near1 (cassette or cartridge)) and 400/\$.ccls.	USPAT	2002/12/03 21:27
8	37	(stack\$) near5 (cassette or cartridge) near5 (nest\$)	USPAT	2002/12/03 21:52
9	8	(stack\$) near5 (cassette or cartridge) near5 (nest\$)	EPO; JPO; DERWENT	2002/12/03 21:56
10	10	(stack\$) near10 (cassette or cartridge) near10 (nest\$)	EPO; JPO; DERWENT	2002/12/03 21:56
11	2	((stack\$) near10 (cassette or cartridge) near10 (nest\$)) not ((stack\$) near5 (cassette or cartridge) near5 (nest\$))	EPO; JPO; DERWENT	2002/12/03 21:56

US-PAT-NO: 4089414

DOCUMENT-IDENTIFIER: US 4089414 A

TITLE: Base guard for disc memory cartridge pack

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A base guard for use with front loading magnetic disk memory cartridge packs, is made of one piece construction, e.g., injection moulded, and formed to allow for registered, interlocked and nested vertical stacking of the memory cartridge packs and to secure the access door of the memory cartridge packs so as to prevent entry of dust particles. The base guard is formed so as not to interfere with the handle-like recesses or handholds and to prevent damage to and misalignment of the hub structure of the disk pack.

What is needed is a base guard, for computer disks cartridges, which is of unitary construction and does not require the fastening of magnets to the base guard to hold the base guard onto the cartridge. There is a further need for a base guard which does not cover the entire base of the cartridge, but rather covers all of the base except the cooperating handhold or recess in the base. In addition, it is desired that the base guard be sufficiently rigid to provide sufficient strength against impact from a direction parallel to the axis of the hub and that such base guard be formed so as to permit vertical, nested, registered and interlocked stacking of cartridges in order to minimize storage space requirements.

US-PAT-NO: 3756493

DOCUMENT-IDENTIFIER: US 3756493 A

TITLE: CONTAINER

----- KWIC -----

The end-caps or closures of the preferred embodiment of the invention are of novel design, and provide several advantages to the container disclosed herein.

The end-caps are primarily intended to be produced from a thermoplastic material, and the design of the end-caps is such that they may be produced either by thermoforming from sheet material or by injection molding. Other materials such as metal would also be feasible. The caps are also designed to stack or nest for shipping and in the cartridge on a filling machine.

US-PAT-NO: 3687036

DOCUMENT-IDENTIFIER: US 3687036 A

TITLE: FILM CARTRIDGE

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In order to facilitate the handling and storage of the cartridge, a recess 33 is provided in end wall 19, and is configured to accommodate the gear cover of an adjacent cartridge. Referring to FIG. 4, recess 33 of the upper cartridge receives cover 29 of the lower cartridge, whereby the two cartridges are compactly nested to stacked together. The interlocking of the cartridges additionally inhibits the relative slipping thereof. In the absence of this provision, a stack of cartridges would tend to fan out by virtue of the lower top to bottom dimension of the supply compartment as compared to the like dimension of the take-up compartment, a highly utilitarian feature when one considers the vast volume of cartridges handled during the manufacture, shipping, storage and processing functions associated therewith.

5. A film cartridge operable to nest with adjacent similar film cartridges to facilitate the compact stacking thereof, said cartridge comprising: